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STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION



ILLINOIS MINERAL PRODUCTION BY COUNTIES, 1966

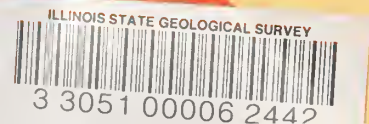
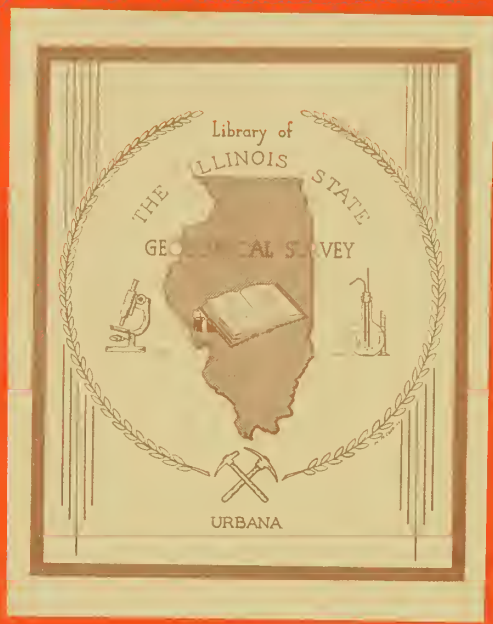
W. L. Busch

March 1968

ILLINOIS STATE GEOLOGICAL SURVEY

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ILLINOIS MINERAL PRODUCTION BY COUNTIES, 1966

W. L. Busch


The value of minerals reported produced in Illinois during 1966 was 644 million dollars. This amount, the highest annual value ever recorded for mineral production in Illinois, exceeded the previous record high of 631 million set in 1962 by 13 million and the 1965 total by more than 25 million dollars. Illinois minerals showing increases in value over 1965 totals were coal, common sand and gravel, silica sand, and fluorspar. Clay products also showed an increase in value over the 1965 total. Other minerals produced in Illinois generally recorded slight declines in value for 1966 compared to 1965 amounts.

Annual increases in the production of coal from Illinois mines for the past several years has been the principal factor in maintaining the recent high mineral production total values for Illinois. In 1962 Illinois mines produced 48.3 million tons of coal; in 1963—51.6 million tons; 1964—54.8 million tons; 1965—58.2 million tons; and in 1966—63.2 million tons. In 1966 the value of coal produced amounted to 243.3 million dollars, or about 37.8 percent of the value of all minerals, and was the largest single item among the values of all Illinois mineral products.

Production of crude oil in Illinois for 1966 was almost 62 million barrels, a decline of about 1.7 million barrels from the 63.7 million barrels produced in 1965. The value of crude oil produced during 1966 amounted to about 185.9 million dollars, the second largest single total among the values of all minerals produced. The value of oil, with the value of a small amount of natural gas, furnished about 29.0 percent of the 1966 state total mineral value. The combined value of fuels—coal and oil—was 66.8 percent of the value of all 1966 mineral production.

Stone products produced in Illinois during 1966 include crushed stone, cement, and lime. The combined total value of these commodities places them as the second most important group of materials produced in Illinois, after the fuels, in value. Although the value of each of the three stone products was slightly less than the corresponding values for 1965, as a group they contributed about 16.0 percent of the state total mineral value in 1966.

Illinois clay products—face brick and common brick, structural tile, drain and sewer tile, refractories, and pottery and whiteware—had a reported



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value of 54.9 million dollars in 1966. The 1966 value of clay products was 8.5 percent of the state's over-all mineral value.

Common sand and gravel produced in Illinois during 1966 showed some increase in tonnage and in total value over the 1965 corresponding amounts. The combined total value of these commodities amounted to about 29.4 million dollars. Common sand and gravel are used extensively in Illinois for various building and construction purposes. The total value of silica sand produced in 1966, amounting to 13.1 million dollars, was about 1.1 million dollars more than the 1965 value for this commodity. In 1966 only very small amounts of natural bonded molding sand were produced. The total value of all sands and gravel produced in 1966 furnished about 6.7 percent of the total Illinois mineral product value.

The combined values of fluorspar, lead, and zinc produced from Illinois mines in 1966 was about 13.1 million dollars. This total was about one million dollars less than the 1965 total value of 14.1 million dollars. The total value of fluorspar, lead, and zinc, as a group, in 1966 was about 2.0 percent of the state's entire mineral value.

The value in dollars of each county's contribution to the state's total mineral production for 1966 is shown in the tables on pages 6 to 10. The tables, which list the counties within regions, also show the various mineral commodities produced in Illinois in order of importance for each county. Illinois regional and county outlines are shown by a map at the end of this report. In order not to disclose confidential production information, it has been necessary to combine the value of mineral production of some counties within a region.

In 1966 five counties—Cook, LaSalle, Perry, Franklin, and Fulton—each produced more than 30 million dollars worth of minerals. Counties that produced between 20 and 30 million dollars worth of minerals for the year include St. Clair, Fayette, Williamson, Christian, and Lawrence. In addition, 12 counties reported mineral production ranging in value from 10 to 20 million dollars. Ninety-nine of the 102 counties in Illinois reported commercial mineral production for 1966.

The rank of Illinois counties, based on the total dollar value of all minerals produced in each county during 1966, is shown in the table on page 5. Although each of the 102 counties holds a specific rank in the state, the position of some counties is not given to avoid disclosing certain production information. A county whose total dollar value and state rank cannot be given has been combined with another county in the same region. The combined total mineral production value for these counties has been listed among the individual counties in the table on page 5. All counties in the state are accounted for in this table.

ILLINOIS MINERAL PRODUCTS AND MAJOR PRODUCING
COUNTIES, 1966

Mineral product	Counties in order of rank, 1966
Cement ^a	LaSalle, Lee, Massac
Clay products	LaSalle, Cook, Crawford, McDonough, Knox, Will, Kane
Coal	Perry, Williamson, St. Clair, Randolph, Montgomery, Saline
Crude Oil	Fayette, Lawrence, White, Wayne, Marion, Hamilton, Crawford
Fluorspar ^b	Hardin, Pope
Lead ^a	Hardin, Jo Daviess, Pope
Lime ^b	Cook, Adams
Natural bonded molding sand ^a	Henry, Fayette, Rock Island
Common sand	McHenry, Will, Grundy, Kane, Winnebago, Cook, Rock Island
Common gravel	McHenry, Kane, Will, Grundy, Peoria, Tazewell, LaSalle
Silica sand ^b	LaSalle, Ogle
Stone	Cook, St. Clair, Will, Kankakee, Livingston, Rock Island, Randolph
Tripoli ^c	Alexander
Zinc ^a	Hardin, Jo Daviess, Pope

^a Only three producing counties.

^b Only two producing counties.

^c Only one producing county.

SUMMARY OF ILLINOIS MINERAL PRODUCTION, 1965-1966

Material	Unit	1965		1966	
		Quantity	Value at plants	Quantity	Value at plants
Coal - bituminous	tons	58,232,480	\$217,789,475	63,212,697	\$243,368,883
Crude oil	bbls	63,708,000	186,664,440	61,982,000	185,946,000
Crushed stone	tons	43,293,426	57,805,266	42,579,368	57,412,100
Cement	bbls	9,973,688	32,528,864	9,817,471	30,485,395
Clay products	---	---	52,459,500	---	54,901,990
Common sand	tons	13,424,000	11,356,000	14,371,000	12,139,000
Common gravel	tons	18,194,000	16,508,000	19,027,000	17,296,000
Silica sand	tons	3,631,000	11,991,000	3,853,000	13,145,000
Fluorspar	tons	159,140	7,861,165	176,175	8,001,803
Zinc	tons	18,314	5,347,688	15,192	4,405,680
Lead	tons	3,005	937,560	2,285	690,756
Other materials	---	---	17,251,042	---	16,207,393
TOTAL			\$618,500,000		\$644,000,000

VALUE OF ILLINOIS REGIONAL MINERAL PRODUCTION, 1962-1966

Region	Value at plants		
	1962	1963	1964
Northwest	\$ 25,385,598	\$ 24,790,496	\$ 23,764,752
Northeast	109,636,239	99,880,180	105,642,713
West	45,068,843	46,840,320	52,801,695
Central	22,725,054	22,011,242	16,273,648
East	14,123,805	13,150,956	12,935,550
West-southwest	43,767,554	44,332,911	44,264,466
East-southeast	146,865,137	135,043,156	128,222,889
Southwest	85,958,950	90,616,067	94,869,344
Southeast	137,468,820	138,334,672	139,224,943
TOTAL	\$631,000,000	\$615,000,000	\$618,000,000

Region	1965	1966
Northwest	\$ 20,816,139	\$ 21,457,316
Northeast	108,912,440	109,495,206
West	54,102,781	55,889,208
Central	17,541,957	18,131,790
East	12,502,670	13,287,698
West-southwest	44,439,585	48,628,029
East-southeast	117,761,494	113,717,932
Southwest	105,691,548	118,043,155
Southeast	136,731,386	145,349,666
TOTAL	\$618,500,000	\$644,000,000

ILLINOIS COUNTIES RANKED ACCORDING TO TOTAL VALUE
OF MINERALS PRODUCED IN 1966^{a,b}

Rank	County	Rank	County	Rank	County	Rank	County
1.	Cook	23.	Knox		Warren	74.	Scott
2.	LaSalle	25.	Wabash		Schuyler		Menard
3.	Perry		Grundy		} c		Mason
4.	Franklin		DuPage	46.			
5.	Fulton		} c	48.	Sangamon		
6.	St. Clair	26.	Peoria	49.	Stark	77.	Henderson
7.	Fayette	27.	McDonough	50.	Clark	78.	Champaign
8.	Williamson		Jasper	51.	Rock Island	79.	Stephenson
	Marion		Effingham	52.	Adams	80.	Hancock
	Clay		} c	53.	Winnebago	81.	Kendall
	} c	28.	Richland	54.	Ogle	82.	Bureau
		30.	Vermilion	56.	Macoupin	83.	Carroll
	Christian	31.	Kane	57.	Lake	84.	Pope
	Bond		Jackson		Jo Daviess	85.	Whiteside
	} c		Washington		DeWitt		Shelby
			} c		Macon		Moultrie
	White			59.	} c		
	Gallatin			60.			
10.	Lawrence	34.	McHenry	61.	Union	86.	Boone
	Jefferson		Clinton	62.	Greene	87.	Woodford
	Massac		Monroe	63.	Marshall	90.	Henry
	} c			64.	Cumberland		Ford
12.				68.	Alexander		Iroquois
13.	Wayne			69.	Johnson		} c
15.	Crawford	36.	Kankakee	70.	DeKalb		
17.	Randolph	37.	Madison		Logan	92.	Edgar
18.	Montgomery	38.	Coles		McLean	93.	Jersey
19.	Saline	39.	Livingston		Mercer	94.	Brown
20.	Hamilton	42.	Edwards		Putnam	96.	Calhoun
21.	Will	43.	Tazewell		} c	100.	Cass
22.	Hardin	44.	Douglas	71.		101.	Morgan
	Lee			73.	Pike	102.	Platt
					Pulaski		} d

^a Table based on information presented on following pages of this report.

^b The rank of each individual county is based on numbered rank of all counties from 1 through 102. The individual rank of combined counties cannot be revealed.

^c The total of combined counties is placed in proper order among totals of single counties.

^d No commercial mineral production reported for 1966.

ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHWEST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Bureau	\$ 486,000	Gravel, sand
Carroll	415,344	Stone, sand, gravel
Henry	335,600	Stone, gravel, natural bonded molding sand, sand
Jo Daviess	1,592,362	Zinc, stone, lead, sand, gravel
Lee	10,823,998	Cement, stone, gravel, sand
Mercer } Putnam }	750,578	Clay products, stone, coal Gravel
Ogle	1,976,197	Silica sand, stone, gravel, sand
Rock Island	2,133,802	Stone, sand, gravel, natural bonded molding sand
Stephenson	534,866	Stone, gravel, sand
Whiteside	402,641	Stone, gravel, sand
Winnebago	2,005,928	Sand, stone, gravel
TOTAL	\$21,457,316	

ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHEAST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Boone	\$ 393,171	Stone, gravel, sand
Cook	39,030,899	Stone, lime, clay products, sand, gravel
DeKalb	823,377	Stone, gravel, sand
Grundy } DuPage }	8,212,042	Clay products, coal, sand, gravel Stone, clay products, gravel, sand
Kane	5,658,557	Clay products, gravel, sand, stone
Kendall	492,768	Stone, gravel, sand
Lake	1,595,320	Clay products, gravel, sand
LaSalle	36,472,916	Cement, silica sand, clay products, gravel, sand, stone
McHenry	4,229,274	Gravel, sand, clay products, stone
Will	12,586,882	Clay products, stone, coal, gravel, sand
TOTAL	\$109,495,206	

ILLINOIS MINERAL PRODUCTION BY COUNTY, WEST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Adams	\$ 2,083,189	Stone, lime, coal, sand, gravel, crude oil
Brown	152,379	Clay products, stone, sand, crude oil, gravel
Fulton	33,302,592	Coal, gravel, sand
Hancock	507,004	Stone, crude oil
Henderson	557,638	Stone, sand
Knox	9,976,603	Clay products, coal, stone, gravel, sand
McDonough	6,794,237	Clay products, stone, crude oil
Warren } Schuyler }	2,515,566	Clay products, stone Coal, stone
TOTAL	\$55,889,208	

ILLINOIS MINERAL PRODUCTION BY COUNTY, CENTRAL REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
DeWitt } Macon }	\$ 1,286,000	Crude oil, gravel, sand Gravel, sand, crude oil
Logan	765,988	Stone, gravel, sand, coal
McLean	754,000	Gravel, sand
Marshall	1,160,754	Clay products, gravel, sand
Menard } Mason }	609,286	Stone Sand, gravel
Peoria	7,964,533	Coal, stone, gravel, sand
Stark	2,261,944	Coal
Tazewell	2,948,285	Clay products, gravel, sand
Woodford	381,000	Gravel, sand
TOTAL	\$18,131,790	

ILLINOIS MINERAL PRODUCTION BY COUNTY, EAST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Champaign	\$ 542,000	Sand, gravel, crude oil
Ford } Iroquois }	269,000	Gravel, sand Gravel
Kankakee	3,484,789	Stone, clay products, sand, gravel
Livingston	3,125,854	Stone, clay products, gravel, sand
Piatt	--	No mineral production reported for 1966
Vermilion	5,866,055	Coal, clay products, stone, gravel, sand
TOTAL	\$13,287,698	

ILLINOIS MINERAL PRODUCTION BY COUNTY, WEST-SOUTHWEST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Calhoun	\$ 44,164	Stone
Cass	--	No mineral production reported for 1966
Christian } Bond }	24,633,757	Coal, crude oil, stone, gas Crude oil, sand, gravel
Greene	1,169,126	Clay products, stone, coal
Jersey	184,903	Stone
Macoupin	1,735,553	Coal, crude oil
Madison	3,481,625	Stone, clay products, crude oil, sand
Montgomery	13,579,071	Coal, stone, crude oil
Morgan	--	No mineral production reported for 1966
Pike	717,551	Stone, gravel, sand
Sangamon	2,438,582	Clay products, crude oil, sand, gravel
Scott	643,697	Clay products, stone
TOTAL	\$48,628,029	

ILLINOIS MINERAL PRODUCTION BY COUNTY, EAST-SOUTHEAST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Clark	\$ 2,151,042	Crude oil, stone, gravel, sand
Coles	3,154,654	Crude oil, stone, gravel, sand, gas
Crawford	17,081,116	Crude oil, clay products, gravel, gas, sand
Cumberland	1,058,000	Crude oil, sand, gravel
Douglas	2,804,452	Coal, crude oil
Edgar	192,000	Crude oil
Fayette	27,265,560	Crude oil, stone, clay products, gas, sand, natural bonded molding sand, gravel
Jasper } Effingham }	6,428,900	Crude oil, gravel, gas, sand Crude oil, sand
Lawrence	21,321,000	Crude oil, gravel, gas, sand
Marion } Clay }	25,459,208	Crude oil, stone, gas Crude oil, stone, gas
Richland	6,408,500	Crude oil, gas
Shelby } Moultrie }	393,500	Crude oil, stone, gravel, sand Crude oil, gravel
TOTAL	\$113,717,932	

ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHWEST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Alexander	\$ 944,542	Tripoli, sand, sandstone, gravel
Clinton } Monroe }	3,935,960	Crude oil, stone, gas Stone
Jackson } Washington }	5,000,425	Coal, stone, sand Crude oil, stone, coal, gas
Johnson	914,883	Stone
Perry	33,801,850	Coal, crude oil
Pulaski	687,656	Stone, clay products, sand, gravel
Randolph	16,658,401	Coal, stone, crude oil, sand
St. Clair	28,181,068	Coal, stone, clay products, sand
Union	1,255,943	Stone, gravel, sand
Williamson	26,662,427	Coal, crude oil
TOTAL	\$118,043,155	

ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHEAST REGION, 1966

County	Total value all minerals	Minerals produced, in order of value
Edwards	\$ 2,954,500	Crude oil, gas
Franklin	33,617,063	Coal, crude oil, gas
Hamilton	13,015,000	Crude oil, gas
Hardin	12,210,508	Fluorspar, zinc, stone, lead
Jefferson } Massac }	20,878,998	Coal, crude oil, stone, gas Cement, stone, sand, gravel
Pope	411,669	Zinc, fluorspar, lead
Saline	13,213,427	Coal, crude oil, gas
Wabash	8,506,800	Crude oil, gravel, sand, gas
Wayne	18,172,000	Crude oil, gas
White } Gallatin }	22,369,701	Crude oil, gravel, sand, gas Crude oil, coal, sand, gravel, gas
TOTAL	\$145,349,666	



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